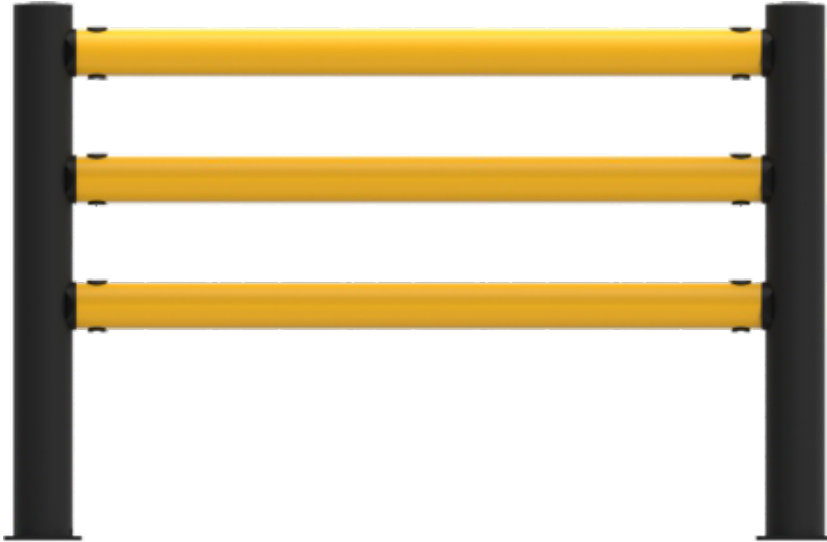


## FlexGuard Hi-safe



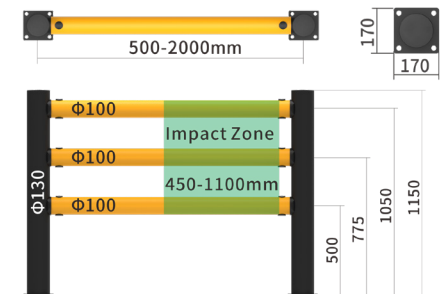
The FlexGuard Hi-safe is a triple rail impact protection barrier designed to safeguard machines, infrastructure and employees in industrial environments but is in particular used for the separation of pedestrians and vehicle traffic.

Constructed from durable, impact resistant polypropylene (PP), it offers reliable protection in many industrial applications. It is designed to flex on impact and then return to its original form.

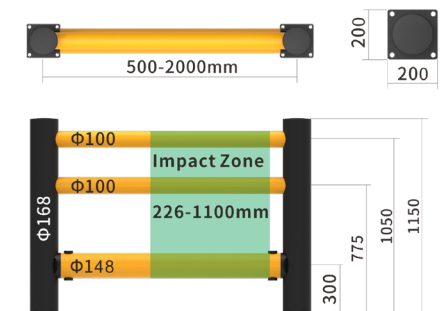
Available in 2 variants depending on the impact-resistance strength required.

### Technical Information

HS130	
Height	1150mm
Post Diameter	130mm
Beam Diameter	100mm, 100mm, 100mm
Standard Length	2000mm
Base Plate	170*170*10mm
Impact Energy	Impact test angle at 45°: 8100J, 3.0t forklift hit at 7.0km/h Impact test angle at 90°: 5800J, 3.0t forklift hit at 7.0km/h



HS168	
Height	1150mm
Post Diameter	168mm
Beam Diameter	148mm, 100mm, 100mm
Standard Length	2000mm
Base Plate	200*200*10mm
Impact Energy	Impact test angle at 45°: 14400J, 4.0t forklift hit at 8.1km/h Impact test angle at 90°: 10200J, 4.0t forklift hit at 8.1km/h

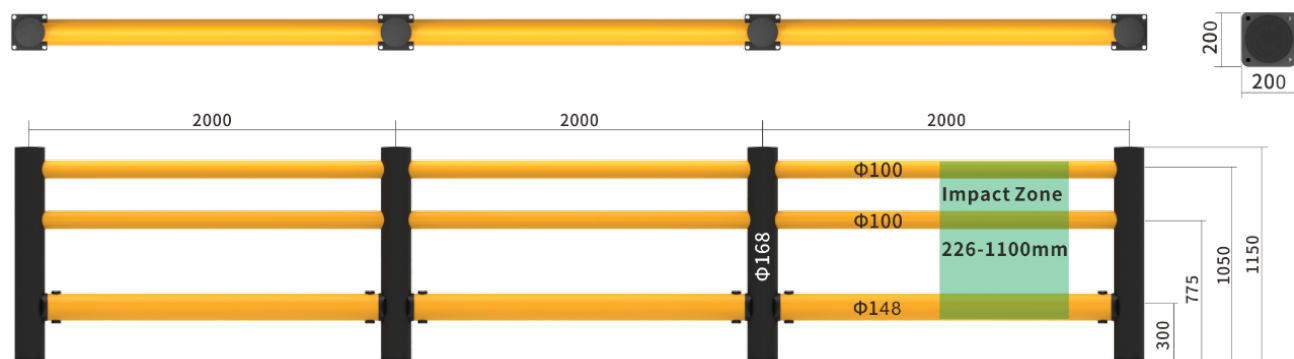


\* The length can be customized according to request.

**Color** Rail: RAL 1003 Signal Yellow Post: RAL 9005 Jet Black

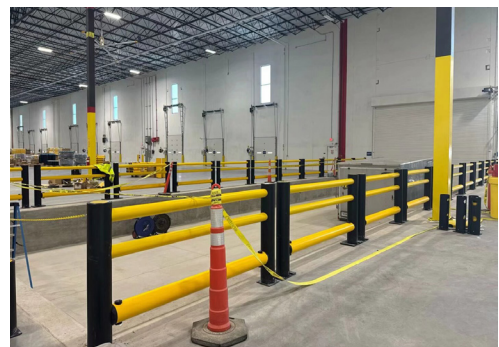
**Temperature** -5 to 50 °C

## Dimensions with a shared post (example of HS168)



### Application:

Used to safeguard the front of racks, machinery and personnel, and are often used for the separation of pedestrian and vehicle traffic in industrial facilities.



## FlexGuard

**Designed for simple installation, long-lasting performance, and maximum damage prevention.**

FlexGuard is a new line of flexible impact barriers designed for flexible impact protection, maximum performance and maximum safety. Constructed from durable, impact-resistant Polypropylene (PP), the FlexGuard product line is highly durable and suitable for use in various industrial environments. Minimizes damage to concrete floors that is typically associated with steel barriers. Its design allows easy installation and maintenance, ensuring minimal downtime for your operations.

### Certifications:

#### Product:

TÜV SÜD TÜV Rhein Test CE ISO RoHS

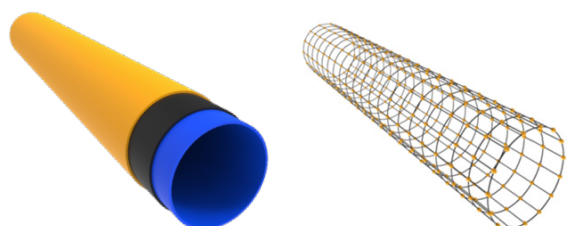
#### Material (Armorflex):

Flame Retardant Test



### Material:

The material used in FlexGuard, Armorflex, has self-recovery and memory capability. Through special nano processing technology, the molecular structure of the material is constructed into a regular linear network structure. It can absorb, delay and eliminate impact energy and rebound to its original shape after strong impact.



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